Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A cover assembly for a vacuum electron device (VED) enclosure, said cover assembly comprising:

a cover having a top, a sidewall, an inside and an outside;

a pair of guide plates disposed on opposite sides of said outside of said sidewall of said cover, said pair of guide plates each having a track; [[and]]

a pair of guide elements mounted on opposite sides of said outside of said sidewall of said cover, said pair of guide elements each mating with said track; and

an interlock configured to prevent power to an input circuit of the VED when said cover is not in a closed position.

2. (Original) The cover assembly of claim 1, wherein said pair of guide elements is a pair of shafts.

3. (Original) The cover assembly of claim 2, wherein said pair of shafts each is round.

4. (Original) The cover assembly of claim 1, wherein said track is generally L-shaped.

5. (Previously amended) The cover assembly of claim 1, wherein said track includes a slot through said pair of guide plates.

6. (Cancelled)

7. (Previously amended) The cover assembly of claim 2, further comprising a notch in said track, said notch accepting one of said pair of shafts for locking said cover while in an open position.

8. (Original) The cover assembly of claim 1, further comprising a slip plate disposed between each of said pair of guide plates and said outside of said sidewall of said cover.

9. (Previously amended) The cover assembly of claim 8, further comprising a flanged bearing on each of said two shafts for reinforcing the contact between each of said two guide plates and said sidewall.

10. (Original) The cover assembly of claim 1, further comprising an automated device system for moving said cover along said track.

11. (Currently amended) The cover assembly ~~according to~~ of claim 1 further comprising a breach lock mechanism for seating a vacuum electron device (VED) into the VED enclosure having a base, said mechanism comprising:

a plurality of guide elements mounted on the VED;

a first sleeve mounted on the base removably receiving the VED, said first sleeve having a plurality of vertical slots for mating with said plurality of guide elements; and

a second sleeve mounted on the base removably receiving said first sleeve, said second sleeve rotating around said first sleeve, said second sleeve having a plurality of tracks for mating with said plurality of guide elements, said sleeve rotation pulling the VED into the VED enclosure for seating the VED.

12. (Currently amended) The cover assembly ~~according to~~ of claim 11 wherein said plurality of guide elements are pins.

13. (Currently amended) The cover assembly ~~according to~~ of claim 11 wherein said plurality of track further comprises a plurality of slanted slots having an opening, a middle portion, and a terminus, said opening removably receiving each guide element, said middle portion declining away from said opening, said terminus having a notch for seating said guide element.

14. (Currently amended) The cover assembly ~~according to~~ of claim 11 further comprising a handle mounted on said second sleeve for rotating said second sleeve.

15-31. (Cancelled)

32. (New) A cover assembly for a vacuum electron device (VED) enclosure, said cover assembly comprising:

an enclosed cover including a pair of outside sidewalls;

a pair of guide members disposed on opposite sides of said outside sidewalls, said pair of guide members each having a track;

at least a pair of guide elements protruding from opposite sides of said sidewalls and adapted to be engaged in said corresponding tracks; and

a switch adapted to terminate power to the VED when said cover is not in a closed position.

33. (New) The cover assembly of claim 32, wherein said switch further comprises an interlock mount having a sensor to detect said closed position of said cover.

34. (New) The cover assembly of claim 32, further comprising a slip plate disposed between each guide plate and said outside sidewalls of said cover.

35. (New) The cover assembly of claim 32 further comprising a breach lock mechanism for seating a vacuum electron device (VED) into the VED enclosure having a base, said mechanism comprising:

a plurality of guide elements mounted on the VED;

a first sleeve mounted on the base removably receiving the VED, said first sleeve having a plurality of vertical slots for mating with said plurality of guide elements; and

a second sleeve mounted on said base to removably receive said first sleeve, said second sleeve rotating around said first sleeve and having a plurality of tracks for mating with said plurality of guide elements, said sleeve rotation pulling the VED into the VED enclosure for seating the VED.

36. (New) A cover assembly for a vacuum electron device (VED) enclosure, said cover assembly comprising:

an enclosed cover including a pair of outside sidewalls;

a pair of guide members disposed on opposite sides of said outside sidewalls, said pair of guide members each having a track;

at least a pair of guide elements protruding from opposite sides of said sidewalls and adapted to be engaged in said corresponding tracks; and

a movement system adapted to automatically move said cover along said tracks between an open position and a closed position.

37. (New) The cover assembly of claim 36 further comprising a switch adapted to terminate power to said VED when said cover is in said closed position.

38. (New) The cover assembly of claim 36 further comprising a breach lock mechanism for seating a vacuum electron device (VED) into the VED enclosure having a base, said mechanism comprising:

a plurality of guide elements mounted on the VED;

a first sleeve mounted on the base removably receiving the VED, said first sleeve having a plurality of vertical slots for mating with said plurality of guide elements; and

a second sleeve mounted on said base to removably receive said first sleeve, said second sleeve rotating around said first sleeve and having a plurality of tracks for mating with said plurality of guide elements, said sleeve rotation pulling the VED into the VED enclosure for seating the VED.

Amendments to the Drawings:

Corrected drawings Figures 1, 2, 7C and 13 are submitted herein for approval. Applicants have submitted an entire set of new formal drawings, designated as Replacement Sheets, as well as a marked up copy, designated as Annotated Sheets Showing Changes.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes